

# Monitor Properties and Setup starting March 8

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 The monitor preamp gains were adjusted the weekend of March 6 and 7 for the data-taking that started March 8.

M1: monitor upstream of polarizer  
 (mounted on 1/4" plastic on waveguide window)  
 M2: monitor directly downstream of polarizer  
 M3: monitor downstream of target and analyzer

M3 was in a borated poly shielding case with 1 cm diameter circular collimation

Monitor manufacturer: LND inc.

	M1	M2	M3
unambiguous descriptor	serial number 084154	serial number 084155	little (TRIPLE) monitor
preamp	preamp # 4	preamp # 3	preamp # 2
preamp nominal gain	5.89 MOhm	5.89 MOhm	295 MOhm
calibrated preamp gain	5.854 MOhm	5.896 MOhm	uncalibrated as of March 11 2004
HV regularly applied	-3 kV	-3 kV	-300 V
nominal 3-He content	22 Torr = 0.0289 Atm	22 Torr = 0.0289 Atm	1 Atm
3-He content measured as of March 11 2004	27.2 Torr = 0.0358 Atm	26.9 Torr = 0.0354 Atm	0.887 Atm
distance from end of waveguide	1/4" = 0.635 cm	35.4 cm	165.5 cm